

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	7359	709/206	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/05/22 14:35
S1	13918142	@ad<"20030806" @rlad<"20030806"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/05/22 14:35
S2	172221	(electronic adj mail\$1) ("e-mail"\$1) (email\$1) mail\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/01/23 13:15
S3	7048193	(detect\$3 sens\$4 receiv\$3 discover\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/01/23 14:37
S4	4802185	identif\$4 recogniz\$4 determin\$3 find\$3 spot\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/01/23 13:16
S5	5676736	identif\$4 determin\$3 diagno\$4 recogniz\$3 characteriz\$3 categoriz\$3 find\$3 spot\$4 notic\$3 observ\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/01/23 13:18
S6	6773	709/206	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/01/23 13:18
S7	2321552	fail\$4 impair\$3 damag\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/01/23 13:19
S8	597406	notif\$6 inform\$3 alert\$3 alarm\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/01/23 13:20

## EAST Search History

S9	716164	priority	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/01/23 13:46
S10	251	S8 with S9 with S2	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/01/23 13:20
S11	211	S10 and S1	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/01/23 13:21
S12	708	(S3 or S4) near5 S7 with S2	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/01/23 13:35
S13	5	S11 and S12	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/01/23 13:23
S14	351152	gateway server	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/01/23 13:24
S15	5	S14 and S13	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/01/23 13:24
S16	522	S12 and S1	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/01/23 13:35
S17	2890	(S3 near5 S7) and (S4 near5 S7) and S2	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/01/23 13:45
S18	7	S17 and S11 and S1	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/01/23 13:39

## EAST Search History

S19	2251	S17 and S1	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/01/23 13:46
S20	1151	S19 and S9	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/01/23 13:46
S21	6709	S8 with S9	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/01/23 13:47
S22	130	S19 and S21	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/01/23 13:48
S23	130	S22 and S2	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/01/23 14:10
S24	86	(S3 near5 S7) same (S8 near5 sender\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/01/23 14:53
S25	4	S24 and S1 and S2	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/01/23 14:39
S26	3	(S3 near5 S7 near5 S2) same (S8 near2 sender\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/01/23 17:55
S27	8	S24 and S2	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/01/23 14:54
S28	4	S27 and S1	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/01/23 15:14

## EAST Search History

S30	25818	(S8 near5 S7)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/01/23 15:15
S31	3600	S30 and S1 and S2	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/01/23 15:15
S32	3025	(alternat\$3 near5 S2)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/01/23 15:15
S33	10903	(alternat\$3 addition\$2 emergency) near5 S2	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/01/23 15:16
S34	451	S31 and S33	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/01/23 15:17
S35	400	S34 and (server gateway)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/01/23 15:17
S36	107339	"709"/\$.ccls. "714"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/01/23 15:19
S37	134	S36 and S35	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/01/23 15:19
S38	0	(mail near5 server) same (estimat\$4 near2 time near5 recover\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/01/23 17:59
S39	0	(mail near5 server) same (estimat\$4 near5 recover\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/01/23 17:59

## EAST Search History

S40	22	(server) same (estimat\$4 near5 recover\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/01/23 18:00
S41	13918142	@ad<"20030806" @rlad<"20030806"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/01/23 18:00
S42	16	S40 and S41	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/01/23 18:00
S43	172221	(electronic adj mail\$1) ("e-mail"\$1) (email\$1) mail\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/01/23 18:00
S44	9	S42 and S43	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/01/23 18:00
S45	2797	(client\$1 recipient\$1) with (fail\$1 cannot) with (receiv\$3 accept\$3 obtain\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/05/21 11:50
S46	170	(client\$1 recipient\$1) with (fail\$1 cannot) with (receiv\$3 accept\$3 obtain\$3) with (email\$1 (electronic adj mail\$1) "e-mail")	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/05/21 11:51
S47	13961497	@ad<"20030806" @rlad<"20030806"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/05/21 11:51
S48	140	S46 and S47	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/05/21 13:19
S49	11602	(server with down)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/05/21 13:22

## EAST Search History

S50	170	(client\$1 recipient\$1) with (fail\$1 cannot) with (receiv\$3 accept\$3 obtain\$3) with (email\$1 (electronic adj mail\$1) "e-mail")	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/05/21 13:30
S51	13961497	@ad<"20030806" @rlad<"20030806"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/05/21 13:20
S52	140	S50 and S51	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/05/21 13:21
S53	1	S50 same S49	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/05/21 13:21
S54	0	S53 and S51	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/05/21 13:21
S55	1842	(server with down with time)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/05/21 13:22
S56	5	S55 and S50	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/05/21 13:22
S57	4	S56 and S51	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/05/21 13:22
S58	2293	(email\$1 "e-mail" electronic adj mail) with fail\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/05/21 13:52
S59	934	(deliver\$3 sen\$3) with (email\$1 "e-mail" electronic adj mail) with fail\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/05/21 13:32

## EAST Search History

S60	28	S59 same S49	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/05/21 13:32
S61	26	S60 and S51	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/05/21 13:32
S62	0	S61 and (notif\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/05/21 13:33
S63	25	S61 and (notif\$7)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/05/21 13:46
S64	1	"20020188683"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/05/21 13:46
S65	11	"20020188683" "20020133625" "20030074408" "20010034849" "20030009529" "6212553".pn. "5588009".pn. "6057841".pn. "5917489".pn. "5923848".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/05/21 13:47
S66	8	S65 and notif\$8	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/05/21 13:47
S67	16538	(email\$1 "e-mail" electronic adj mail) with notif\$7	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/05/21 13:52
S68	3435	(terminal receiver\$3 recipient) near5 (unavailable impair\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/05/21 13:53
S69	11	S67 same S68	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/05/21 13:54

## EAST Search History

S70	0	S69 and S52	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/05/21 13:54
S71	6	S69 and S51	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/05/21 13:54
S72	30	("4532588"   "4837798"   "5008814"   "5191573"   "5381480"   "5424724"   "5495610"   "5509074"   "5557678"   "5557798"   "5581764"   "5646992"   "5675507"   "5675734"   "5677955"   "5696825"   "5727002"   "5768528"   "5790790"   "5790793"   "5802520"   "5809144"   "5852714"   "5852800"   "5857191"   "5870552"   "5872917"   "5878219"   "6061448"   "6161181").PN. OR ("7051003").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/21 14:08
S73	320	(recipient receiver) with (impair\$5 fail\$3 delay latenc\$3) with (email electronic adj mail "e-mail")	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/21 14:56
S74	221	S73 and S51	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/21 14:28
S75	3516	notif\$7 with sender\$1	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/21 14:28
S76	76	S74 and S75	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/21 14:28
S77	352	(recipient receiver) with (impair\$5 fail\$3 delay latenc\$3 unavailable) with (email electronic adj mail "e-mail")	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/21 14:56
S78	20	S75 same S77	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/21 14:57
S79	9	S78 and S51	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/21 15:59

## EAST Search History

S80	41	notif\$7 near15 (email\$1 electronic adj mail\$1 "e-mail") near15 undeliver\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2007/05/21 16:02
S81	31	S80 and S51	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2007/05/21 16:01
S82	41	notif\$7 near15 (email\$1 electronic adj mail\$1 "e-mail") near15 undeliver\$5 and undeliver\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2007/05/21 16:02
S83	31	S82 and S51	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2007/05/21 17:22
S84	3	(email\$1 "e-mail" electronic adj mail) near15 notif\$8 near15 (down near2 time)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2007/05/21 17:24
S85	3	S84 and S51	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2007/05/21 17:23
S86	16	(email\$1 "e-mail" electronic adj mail) near15 notif\$8 near15 (estimat\$2 near15 time)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2007/05/21 17:25
S87	11	S86 and S51	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2007/05/21 17:25

## EAST Search History

S88	238	(email\$1 "e-mail" electronic adj mail) near15 notif\$8 near15 (gateway proxy)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2007/05/21 18:05
S89	173	S88 and S51	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2007/05/21 18:01
S90	5129	(email\$1 "e-mail" electronic adj mail) near15 notif\$8 and (gateway proxy)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2007/05/21 18:05
S91	27716	(email\$1 "e-mail" electronic adj mail) near15 notif\$8 (sender) and (gateway proxy)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2007/05/21 18:06
S92	249	(email\$1 "e-mail" electronic adj mail) near15 notif\$8 near15 (sender) and (gateway proxy)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2007/05/21 18:07
S93	192	S92 and S51	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2007/05/21 18:06
S94	4	(email\$1 "e-mail" electronic adj mail) near15 notif\$8 near15 (sender) and (recipient near15 unavailable) and (gateway proxy) and unavailable	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2007/05/21 18:11
S95	4	S94 and S51	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2007/05/21 18:08

## EAST Search History

S96	2	(email\$1 "e-mail" electronic adj mail) near15 notif\$8 same (recipient near15 unavailable) and (gateway proxy) and unavailable	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2007/05/21 18:12
S97	2	S96 and S51	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2007/05/21 18:11
S98	209	(email\$1 "e-mail" electronic adj mail) same notif\$8 same (unavailable) and (gateway proxy) and unavailable	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2007/05/21 18:19
S99	175	S98 and S51	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2007/05/21 18:13
S100	643	(email\$1 "e-mail" electronic adj mail) and (notif\$8 same (unavailable)) and (gateway proxy) and unavailable	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2007/05/21 18:20
S101	525	S100 and S51	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2007/05/21 18:20
S102	123	(email\$1 "e-mail" electronic adj mail) with (notif\$8 same (unavailable)) and (gateway proxy) and unavailable	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2007/05/21 18:24
S103	120	S102 and S51	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2007/05/21 18:20

## EAST Search History

S10 4	138	(email\$1 "e-mail" electronic adj mail) with (notif\$8 with (unavailable))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2007/05/21 18:25
S10 5	207	(email\$1 "e-mail" electronic adj mail) with (notif\$8 with (unavailable absent busy inaccessible))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2007/05/21 18:34
S10 6	173	S105 and S51	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2007/05/21 18:27
S10 7	793	(email\$1 "e-mail" electronic adj mail) with (notif\$8 with sender)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2007/05/21 18:28
S10 8	2	S106 and S107	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2007/05/21 18:28
S10 9	4	(email\$1 "e-mail" electronic adj mail) with (notif\$8 with (recipient\$1 receiver\$1) with (unavailable absent inaccessible))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2007/05/21 18:39
S11 0	3	S109 and S51	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2007/05/21 18:35
S11 1	3	(email\$1 "e-mail" electronic adj mail) with (notif\$8 with (recipient\$1 receiver\$1) with (unavailable absent))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2007/05/21 18:39